

ABSTRACT OF THE DISCLOSURE

A vehicle power take off system provides power for a variety of systems including a source of alternating current power for conventional electrical equipment to be powered by the vehicle. In a preferred electrical implementation, the power take off system is energized from the vehicle direct current electrical power system and generates alternating current of the desired voltage using a derectifier and step up transformer. Management of the system is implemented through modularized units which may be connected to communicate with another over a vehicle's controller area network. Load management may be monitored by an existing on board computer.